## **EAST Search History**

Ref. #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	417068	(beam\$4 or bright\$6 or luminan\$4 or intens\$4 or saturat\$4 or light\$4 or optic\$4)same(abnormal\$4 or anomal\$4 or unsharp\$3 or distort\$4 or dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blus\$3 or asturat\$4 or bright\$3 or blus\$3 or artifact\$3 or defect\$46 or aberration\$4)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or samp\$\$4 or cut\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:26
L2	138518	1 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 or varian\$4 or offset\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:27
L3	36222	2 same (statustic\$4 or calculat\$4 or comput\$6 or measur\$6 or estimat\$6)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:28
L4	18330	3 same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:29
L5	18330	4 same(retouch\$4 or edit\$4 or restor\$6 or filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3 or eliminat\$6 or sharp\$4 or resolution\$4)4	US-PGPUB; USPAT	OR	ON	2007/11/21 13:36
L6	6437	5 same(threshold\$3 or buffer\$4 or stor\$4 or memor\$4 or record\$3 or register\$3 or databas\$3 or library\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:36
L7	68770	(imag\$4)same(beam\$4 or bright\$6 or luminan\$4 or intens\$4 or saturat\$4 or light\$4 or optic\$4)same(abnormal\$4 or anomal\$4 or unsharp\$3 or distort\$4 or dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or defect\$46 or aberration\$4)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or partial\$7 or portion\$3 or sampl\$4 or cut\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:26
L8	31966	7 şame(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 or varian\$4 or offset\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:38

## **EAST Search History**

L9	10947	8 same (statustic\$4 or calculat\$4 or comput\$6 or measur\$6 or estimat\$6)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:28
L10	6874	9 same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:29
L11	18330	10 same(retouch\$4 or edit\$4 or restor\$6 or filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3 or eliminat\$6 or sharp\$4 or resolution\$4)4	US-PGPUB; USPAT	OR	ON	2007/11/21 13:29
L12	,3653 :	10 same(retouch\$4 or edit\$4 or restor\$6 or filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3 or eliminat\$6 or sharp\$4 or resolution\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:36
L13	1510	12 same(threshold\$3 or buffer\$4 or stor\$4 or memor\$4 or record\$3 or register\$3 or databas\$3 or library\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:36
L14	. 47	13 same((compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4 or differen\$4 or varian\$4 or offset\$4)near10 statistic\$4)	US-PGPUB; USPAT	OR	ON	2007/11/21 13:39
L15	1	"6724937".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:45
L16	1	"6640017".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:46
L17	1	"6636646".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:46
L18	.1	"6633670".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:46
L19	1	"6175659".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:46
L20	1	"6763064".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:46
L21	. 1	"6760374".PN.	USPAT; USOCR	OR	ON ·	2007/11/21 13:47
L22	1	"6221603".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:47
L23	1	"6151424".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:47
L24	1	"6014461".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:47
L25	1	"5308751".PN.	USPAT; USOCR	OR	ON	2007/11/21 13:47

## **EAST Search History**

L26	1	"6271826".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:23
L27	1	"6437914".PN.	USPAT; USOCR	OR ·	ON	2007/11/21 14:24
L28	1	"5999281".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:24
L29	1	"5889612".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:25
L30	1	"5889612".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:25
L31	1	"5796499".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:25
L32	1	"5724456".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:25
L33	1	"5528339".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:25
L34	· 1	"5521723".PN.	USPAT; USOCR	OR	ON	2007/11/21 14:26
L35	6	(auto\$6 and correct\$4 and dust\$4 and artifact\$4 and camera\$4 and probabil\$6 and digit\$6 and optic\$4 and correlat\$6 and statistic\$4 and extract\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/11/21 14:29
L36	6	(auto\$6 and correct\$4 and dust\$4 and artifact\$4 and camera\$4 and probabil\$6 and digit\$6 and optic\$4 and correlat\$6 and statistic\$4 and extract\$4 and compar\$6).clm.	US-PGPUB; USPAT	OR	ON	2007/11/21 14:30
L37	4	(auto\$6 and correct\$4 and dust\$4 and artifact\$4 and camera\$4 and probabil\$6 and digit\$5 and optic\$4 and correlat\$6 and statistic\$4 and extract\$4 and compar\$6 and calculat\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/11/21 14:31
L38	. 4	(auto\$6 and correct\$4 and dust\$4 and artifact\$4 and camera\$4 and probabil\$6 and digit\$6 and optic\$4 and correlat\$6 and statistic\$4 and extract\$4 and compar\$6 and calculat\$4 and load\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/11/21 14:31
L39	4	(auto\$6 and correct\$4 and dust\$4 and artifact\$4 and camera\$4 and probabil\$6 and digit\$5 and optic\$4 and correlat\$6 and statistic\$4 and extract\$4 and compar\$6 and calculat\$4 and load\$4 and map\$4). clm.	US-PGPUB; USPAT	OR	ON	2007/11/21 14:31



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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

## 1. A Probabilistic Intensity Similarity Measure based on Noise Distributions

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